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Brown, A.H., and Favorite, F.G., eds. Life sciences and space research, vol 6, 861 (My)

Dauer, C.C., et al, eds. Infectious diseases, vol 2, 864 (My)

Fry, H.G. Education and manpower for community health, 151 (Ja)

Homburger, F., ed. Progress in experimental tumor research, vol 10, 861 (My)

Iskrant, A.P., and Joliet, P.V. Accidents and homicide, 152 (Ja)

Mayers, M. R. Occupational health: hazards of the work environment, 865 (My)

Rhodes, A.J., and Van Rooyen, C.E. Textbook of virology, 863 (My)

Stern, A.C. Air pollution, vol 2, analysis, monitoring and surveying, 151 (Ja)

Wilson, B.R., ed. Environmental problems; pesticides, thermal pollution and environmental synergisms, 862 (My)

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